

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-15 (canceled)

Claim 16 (currently amended): A biochip reader ~~that irradiates excitation light from~~ comprising:

a plurality of microlenses;

a light source irradiating an excitation light to a plurality of cells of [[the]] a biochip respectively via [[a]] said plurality of microlenses; and reads

a detector reading fluorescence image information from genes to which attached with fluorescent substances ~~are stuck and which are~~ are poured into [[a]] said plurality of cells, with a detector; wherein said detector is composed of having detector elements having a characteristic in which output values are logarithmic to input values.